

## HYDRAULIC CONDITIONS

Well name: PL-8

Well location: NE ¼ SW ¼ SW ¼ Sec. 5 T21S R3E B.C. elev.: 4469.63'

Depth to water (first noted in drilling): Not observed Depth to water table (SS): 404.51'  
(following post-development recovery)

Formation at depth where water was first noted: Tertiary Santa Fe Group alluvium

Borehole diameter: 17.5"-12 ¼" Total depth of borehole: 1020'

Type of well: Westbay® monitoring well retrofit within 4" stainless steel

Total depth of well: 1000'(SS); 990'(WB) Well diameter: 4.5" OD (SS);  
1.5" OD (WB)

Packed Westbay® interval(s): 445'-465', 595'-615', 770'-790', and 955'-975'

Lithologic description of screened or packed interval(s): Tertiary Santa Fe Group  
Alluvium

### Pertinent observations and/or interpretations:

The aquifer is unconfined.

### Pressure profile summary (Westbay®):

Regional depth to water is approximately 405' (indicated by similar water depth in all sampling zones). Consistent piezometric levels for the pressure profile (384'-405' below ground surface) indicate a single hydrostratigraphic unit. No distinct upward or downward gradients are apparent. The pressure profile indicates that all packers are inflated and functioning.

### Pertinent Information on conditions in surrounding wells: (ie. potential comparisons)